# State Use Industries Maryland House of Correction Md. Rt. 175 Jessup, Md. 20794

### MDD 077456895

6.11.99

Date of inspection: June 10, 1999

Introduction: This facility is listed in the RCRIS database as a large quantity generator of hazardous waste. A RCRA inspection was performed to determine if the facility is a large quantity generator, and if it was in compliance with the hazardous waste regulations.

### Representatives present:

Chuck Savage, safety officer, State Use Industries
Joe Berner, supervisor, tag shop
Rob Beck, supervisor, sign shop
Frank Hyatt, supervisor, wood shop

OA. Doug Frantz, inspector, Hazardous Waste Enforcement Div., MDE

Facility Description: State Use Industries is an agency within the Department of Corrections which operates manufacturing shops within the Maryland prison system using inmate workers. They manufacture a variety of goods, and also provide services. At Maryland House of Correction, Jessup (MHC), there are shops that manufacture mattresses, uniforms, wood furniture, license plates (tags), and screen-printed signs. Manufactured goods are sold both to government agencies and private companies. The uniform and mattress shops do not generate hazardous waste and were not inspected.

Hazardous Waste Generation: Waste generation will be described for each of the three shops which generate hazardous waste; the tag shop, the sign shop, and the wood shop. These shops are located in the same building at MHC.

1. Tag Shop: License plates are produced from galvanized steel coil stock or from aluminum (the "Bay tags"). The coil steel is washed in a detergent bath to prepare it for coating. Wastewater from this wash process is discharged to the sanitary sewer. After passing through the metal straightener and being cut to size, a preprinted paper sheet is applied to the metal. This paper (3M product) has a pressure sensitive adhesive on it for attaching it to the metal plate, and is printed with any graphics that are needed for the particular type of plate. There are hundreds of different designs involved, including about 400 different logos for non-profit and fraternal groups. After this paper is applied, the actual tag number is embossed on the plate, using steel dies. The plate next goes to the ink coating operation, where black coating is applied (roller-applied) to the embossed

numbers/letters. Finally, a clear coat is applied to the entire plate by a dip process. After the black coating and again after the clear coating, the plates pass through a drying oven. Hazardous waste is generated in the black ink coating operation. Ink application equipment must be cleaned periodically. This is done in a small metal cabinet holding 5 gallons of mineral spirits. When the dirty mineral spirits is replaced, the used material added to an accumulation drum in the hazardous waste storage area. The shop produces about 100,000 sets of tags per month, and employs about 61 people. Waste generation is estimated to be about 8 55-gallon drums per year.

- 2. Sign Shop: This shop produces screen-printed signs for government and private industry. Hazardous waste is generated by the cleaning of the screens using an acetone/xylene mix. Spent solvent is accumulated in a 55-gallon drum in the shop (satellite accumulation). When full, the drum is moved to a storage area with secondary containment that is shared with the tag shop. Waste generation is estimated at 8 55-gallon drums per year.
- 3. Wood Shop: This shop produces wooden furniture, and includes two finishing rooms where stains and lacquer are applied in spray booths. At each finishing room, spent solvent from cleaning of spray equipment is accumulated in a 55-gallon satellite accumulation drum. Solvent-containing glue is used in furniture assembly, but the only waste generated is hardened residue in drum liners, which is disposed as general trash. When satellite accumulation drums are full in the finishing rooms, the drum is removed to a storage area outside the building in the lumber storage shed. This area is covered by a roof, but open on one side. Lacquer thinner is used as clean-up solvent, as well as a non-flammable wash thinner for clean up of the water-borne finishes. Both types of spent solvent are accumulated in the same drum. There were five drums of waste in the outside storage area. Waste generation estimated at 8 to 10 drums per year. The wood shop employs about 168 people.

### Hazardous Waste Management:

Satellite storage areas: No satellite storage in the tag shop, waste is removed from the cleaning tank directly to the hazardous waste storage area. The sign shop has a satellite storage drum for waste acetone/xylene solvent. In the wood shop, there are 55-gallon drums for satellite accumulation in each of the two finishing rooms.

90-day storage areas: In the tag shop, drums of waste are stored in a locked cage area, which has a concrete curb, which serves as secondary containment. There is a sign on the wall indicating hazardous waste storage. Wastes from the tag shop and sign shop are stored here. One partial drum of waste from the tag shop was in the storage area.

The wood shop stores hazardous waste in an outdoor shed, under a roof. Five full drums of waste were in storage, but were not labeled and were not stored in secondary containment.

**Violations:** A Site Complaint (SC-99-031) was issued for violations of the hazardous waste regulations at the wood shop. Waste was being stored without secondary containment and without labels. Mr. Savage and Mr. Hyatt indicated that they would immediately begin working on correcting these violations. Once the violations are corrected, I will make a follow-up inspection.

Other notes: Although listed as a large quantity generator of hazardous waste, it does not appear that the SUI shops at MHC generate more than 1000 Kg (2200 lbs.) in any one month. Actual generation rate is probably between 100 and 1000 Kg per month (SQG).



# DEPARTMENT OF THE ENVIRONMENT - HAZARDOUS AND SOLID WASTE MANAGEMENT ADMINISTRATION ENFORCEMENT PROGRAM

2500 BROENING HIGHWAY
BALTIMORE, MARYLAND 21224 .
(410) 631-3386x 3400

### SITE COMPLAINT

	% Chuck Savage	SC-0-99-031 6/10/99	
Name of viola     Address: County:	Ct to 1/co Tudustries M		
	e (with reference to the Annotated Code of Maryland)		
☐ Water Poll	llution Control and Abatement (Environment Article, Section	ns 9-301 through 9-344)	
Oil Contro	ol (Environment Article, Sections 4-401 through 4-418)		
🔀 Controlled	Hazardous Substances (Environment Article, Sections 7-2	201 through 7-268)	
Landfills a	and Sludge Disposal (Environment Article, Section 9-204)		
Other			
with	five 55 gallon drums of red with a without second out labels. Located at the te is spent solvent from f inture building shop.	nday containment and e 50I wood shop.	
Department from violation(s).	•	nce with the corrective actions contained herein does not preclude the eserves the right to impose sanctions or penalties for the underlying for waste storage.  Rayandous waste.	
	ibed violation(s) may result in the Department seeking legal sanction the violation(s) or failure to take the corrective actions described a	ns against you, including the imposition of civil and/or criminal penalti above may result in additional sanctions or penalties.	ies.
6. "I hereby acknown between the second issued to the second acknowled by:	Jane T. Nishida Secretary	Title: Douglas E. Frantz  Phone: 410-631-3400	
	Department of the Environment	Phone: 7(0 6)(-5700	

## United States Environmental Protection Agency Washington, DC 20460 Q.EDA

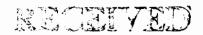
Please refer to the *Instructions for Filing Notification* before completing this form. The information requested here is required by law (Section 2010) of the Property Conference of

Notification of Hazardou	s waste	Activity	3010 of and Rec	the Reso	ource Coi	nservation	
For Official Use Only		如此是他的。					
	nments				T		
		Date Receiv			0	103	
Installation's EPA ID Number	Approved	(yr. mo.	day)	1		0 0 3 4 rundu	
FMDD077456895 1	1	8805	/ 3	1/1	/NO//	grunde	
I. Name of Installation							
SUI-MD HOUSE OF	Co	RREC	$T_{I}$	CIN	- 3	AG	
II. Installation Mailing Address							
	or P.O. Box						
3 R O U T = 175							
City or Town			Sı	tate	ZIP	Code	
4JESSUP MARVLAN	ח		m	0 2	07	94	
III. Location of Installation							
	Route Number				T T		
5 S A M E							
City or Town			Sı	tate	ZIP	Code	
C 6							
IV. Installation Contact					1		
Name and Title (last, first, and job title)		Pho	ne Numbe	r <i>(area c</i>	ode and i	number)	
2 SAVAGE CHUCK S		CER 30	3	33	4 3	25	
V. Ownership		C 410 310					
A. Name of Installation's Legal Owne	er	····	В. Тур	e of Own	ership <i>(e</i>	nter code)	
BD LV LS LGN OF CO	00=	C T COAL		5			
VI. Type of Regulated Waste Activity (Mark 'X' in the ap	D R R E		truction	s.)			
A. Hazardous Waste Activity		B. Used O					
1a. Generator 1b. Less than 1,000 kg/mo. 6. Off-Specification Used Oil Fuel							
2. Transporter (enter X and mark appropriate boxes below)							
□ 3. Treater/Storer/Disposer □ a. Generator Marketing to Burner □ b. Other Marketer							
☐ 5. Market or Burn Hazardous Waste Fuel ☐ 3.							
(enter 'X' and mark appropriate boxes below)  a, Generator Marketing to Burner  7. Specification Used Oil Fuel Marketer (or On site Burner)							
b. Other Marketer  Who First Claims the Oil Meets the Specification							
☐ c. Burner							
VII. Waste Fuel Burning: Type of Combustion Device (en which hazardous waste fuel or off-specification used oil fuel is burned.	iter 'X' in all appi See instructions	ropriate boxes to indi s for definitions of c	icate type ombustion	of combu n devices.	stion dev .)	rice(s) in	
☐ A. Utility Boiler ☐ B. Industr			ndustrial F				
VIII. Mode of Transportation (transporters only — enter	'X' in the ap	propriate box(es,	)				
🗆 A. Air 🗆 B. Rail 🔀 C. Highway 🗀 D. Water 🗔 E. O	ther (specify)						
IX. First or Subsequent Notification			17.7				
Mark 'X' in the appropriate box to indicate whether this is your instanotification. If this is not your first notification, enter your installation's	llation's first no EPA ID Number	tification of hazardo in the space provide	ous waste ed below.	activity	or a sub	sequent	
/	C. Installation's EPA ID Number						
A. First Notification 🛕 B. Subsequent Notification (complete it		1					

	C W	T/A C					
X. Description of Hazardous Wastes (continued from from							
A. Hazardous Wastes from Nonspecific Sources. Enter the four-digit n from nonspecific sources your installation handles. Use additional she	umber from 40 CFR Part 261.31 for each lis	ted hazardous waste					
1 2 3	4 5	6					
F003 F005 F019							
7 8 9	10 11	12					
B. Hazardous Wastes from Specific Sources. Enter the four-digit numb specific sources your installation handles. Use additional sheets if ne		hazardous waste from					
13 14 15	16 17	18					
19 20 21	22 23	24					
25 26 27	28 29	30					
C. Commercial Chemical Product Hazardous Wastes. Enter the four-d your installation handles which may be a hazardous waste. Use addit		ch chemical substance					
31 32 33	34 35	36					
403142204032	444						
37 38 39	40 41	42					
43 44 45	46 47	48					
D. Listed Infectious Wastes. Enter the four-digit number from 40 CFR P pitals, or medical and research laboratories your installation handles.	Part 261.34 for each hazardous waste from l Use additional sheets if necessary.	nospitals, veterinary hos-					
49 50 51	52 53	54					
E. Characteristics of Nonlisted Hazardous Wastes. Mark 'X' in the box your installation handles. (See 40 CFR Parts 261.21 — 261.24)	es corresponding to the characteristics of no	onlisted hazardous wastes					
1. Ignitable 2. Corrosive (D002)	3. Reactive (D003)	☐ 4. Toxic (D000)					
XI. Certification							
I certify under penalty of law that I have personally exa this and all attached documents, and that based on my obtaining the information, I believe that the submitted in there are significant penalties for submitting false infor	r inquiry of those individuals immed aformation is true, accurate, and con	diately responsible for nplete. I am aware that					
Signature  Name and Official Title (type or print) SAFE19  Date Signed							
Church Jarace CHUCK	SAVAGE OFFICER	4/25/88					

ID - For Official Use Only

EPA Form 8700-12 (Rev. 11-85) Reverse

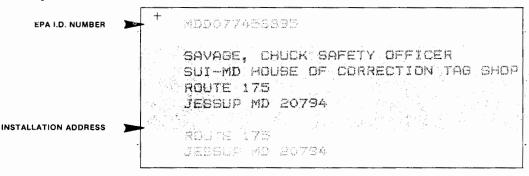




# ACKNOWLEDGEMENT OF NOTIFICATION OF HAZARDOUS WASTE ACTIVITY

(VERIFICATION)

This is to acknowledge that you have filed a Notification of Hazardous Waste Activity for the installation located at the address shown in the box below to comply with Section 3010 of the Resource Conservation and Recovery Act(RCRA). Your EPA Identification Number for that installation appears in the box below. The EPA Identification Number must be included on all shipping manifests for transporting hazardous wastes; on all Annual Reports that generators of hazardous waste, and owners and operators of hazardous waste treatment, storage and disposal facilities must file with EPA; on all applications for a Federal Hazardous Waste Permit; and other hazardous waste management reports and documents required under Subtitle C of RCRA.



EPA Form 8700-12B (4-80)